

19971112.qrp v00_n907.qrs.971112

Date: Wed, 12 Nov 1997 19:10:02 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 907

QRP-L Digest 907

Topics covered in this issue include:

- 1) [30642] FDIIM - QRP @ Dayton
by rsorge@phoenix.net
- 2) [30643] FOX
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 3) [30643] Talking from 2 states?
by Ryan <ryans@willinet.net>
- 4) [30644] F.S.: HW-7/HW-8/HW-9/acc.
by Ed Tanton <n4xy@bellsouth.net>
- 5) [30644] Re: FOX
by Vic Rosenthal <rakefet@rakefet.com>
- 6) [30644] Re: Questions...
by k3lu@juno.com (Ulis R. Fleming)
- 7) [30645] One more paddle & one more paddlefinishing stuff &c
by NilsBull@aol.com
- 8) [30646] Re: Moles, Voles and New QRPp
by "David D. Meacham" <ddm@datatamers.com>
- 9) [30647] Fox Loud in NM and Calls Heard
by "James R. Duffey" <jamesd1@flash.net>
- 10) [30647] Keyer: TiCK and Spare Tires
by WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
- 11) [30648] Re: N/T+ fox tonight
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 12) [30648] Fox Audio Files and my report.....
by Jess Gypin <jessqrp@concentric.net>
- 13) [30649] Fox
by Monte Stark <ku7y@sage.dri.edu>
- 14) [30649] Fox Bugs
by "James R. Duffey" <jamesd1@flash.net>
- 15) [30649] GOT ONE
by n3wxi@sgi.net
- 16) [30650] Delay of AM radio signals
by Ron Giuntini <rong@slip.net>
- 17) [30651] FOX Tues
by ki7mn@dancris.com
- 18) [30652] Spurtune
by Wes Hayward <w7zoi@teleport.com>
- 19) [30653] Re: bugs, keys and paddles

- by MDomeier@aol.com
- 20) [30654] Re: QRPttF 98 Theme
by "Daniel L. Evans" <dlevans@hsonline.net>
- 21) [30655] Re: Bug Stuff
by MDomeier@aol.com
- 22) [30656] prop. update ???
by "Daniel L. Evans" <dlevans@hsonline.net>
- 23) [30657] Re: FOX Tues
by n4js@pobox.com (John Sielke)
- 24) [30658] CW as Art
by Monte Stark <ku7y@sage.dri.edu>
- 25) [30659] Re: QRP HAM License Plate
by Bob Patten <n4bp@shadow.net>
- 26) [30660] Re: QRPttF 98 Theme
by Terres Family <terresfm@ncia.net>
- 27) [30661] info
by jerry schnor <jerrylee@cwws.net>
- 28) [30662] Beacon List Announcement
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 29) [30663] HOT Party
by Werner.Jochem@hoexter.netsurf.de
- 30) [30664] Yaesu FT-DX-100 - how old?
by Werner.Jochem@hoexter.netsurf.de
- 31) [30665] Re: Delay of AM radio signals
by Leon Heller <leon@lfheller.demon.co.uk>
- 32) [30666] Re: bugs keys , etc.
by "david's" <elim@IME.NET>
- 33) [30667] N/T+ fox tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 34) [30668] FOX Tues
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 35) [30669] QRT thru 21 Nov 97
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 36) [30669] Re: One more paddle & one more paddlefinishing stuff &c
by k5zty@juno.com
- 37) [30670] link tuners
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 38) [30671] Re: link tuners
by Steve Galchutt <n0tu@webaccess.net>
- 39) [30672] Tuesday Foxii
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 40) [30673] N/T+ results Tuesday
by mikemo@ibm.net
- 41) [30674] paddle---help!
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 42) [30675] Another web page floats to the surface
by NilsBull@aol.com
- 43) [30676] FOX Tues 11/11/97

by Bob Hightower <ki7mn@dancris.com>
44) [30677] The Miracle has Happened!!!!
by jdenison@morelr.com (JOEL DENISON)
45) [30678] Paddle Const-Help Please
by Jay & Jackie <jayboy@psnw.com>
46) [30679] Gel Cells and cheap-good charging
by Philip Karras 827-2956 <PXXK4@CDRH.FDA.GOV>
47) [30679] Re: prop. update ???
by "david's" <elim@ime.net>
48) [30679] Re: [Antennas] link tuners
by "Chuck (Jack) Hawley" <c-hawley@uiuc.edu>
49) [30680] Re: Delay of AM radio signals
by cooper@gmpvt.com (Tom Cooper)
50) [30679] Re: Delay of AM radio signals
by Michael <MichaelN@cycat.com>
51) [30680]
by klh@cbqaa.cb.lucent.com
52) [30681] Re: paddle kit in NH
by Chris Cartwright <ccart@dns.vidtel.com>
53) [30682] Re: norcal paddle cost overruns
by Steve Miller <kg7pv@teleport.com>
54) [30680] Comdex
by "Michael Connor" <mikec@primenet.com>
55) [30680] bugs, commentary
by Steven Weber <kd1jv@moose.ncia.net>
56) [30681] Noise fix help
by Roger Whitaker <k9ljv@iname.com>
57) [30680] Velvet Vernier Dial
by "Martin, Lou (MCI)" <Lou.Martin@mci.com>
58) [30681] Re: Fox, Mon. Night
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
59) [30682] Fox procedure
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
60) [30683] Re: Tues. Night Fox
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
61) [30680] COAX?
by ARDUJENSKI@aol.com
62) [30681] Re: FOX Tues 11/11/97
by Bob Hightower <ki7mn@dancris.com>
63) [30680] Re: Gel Cells and cheap-good charging
by Ed Loranger <we6w@qsl.net>
64) [30681] Twelfth-wavelength transformer
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
65) [30680] Re: Paddle Const-Help Please
by Ed Loranger <we6w@qsl.net>
66) [30681] 2N2222 Designs and QRPp
by Ed Loranger <we6w@qsl.net>
67) [30682] RE: COAX?

by Kevin Muenzler <wb5rue@stic.net>
68) [30683] Re: Noise fix help
by Ed Loranger <we6w@qsl.net>
69) [30684] prop: on-line charts
by torell@sicom.com (Kent Torell)
70) [30680] NorCal paddle delay for me :(
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
71) [30681] VMC LIVES! 38S boxes in work! Next: Rainbow Enclosure!
by doug hauff <slmachco@fix.net>
72) [30682] Re: Twelfth-wavelength transformer
by Ed Loranger <we6w@qsl.net>
73) [30683] QRPp Flyer =8^)
by Ed Loranger <we6w@qsl.net>
74) [30684] Index Labs ad
by rerobins@unccvm.uncc.edu (Rick Robinson)
75) [30685] VMC LIVES! 38S BOXES IN WORK! NEXT: RAINBOW ENCLOSURE!
by doug hauff <slmachco@fix.net>
76) [30686] Re: paddle kit in NH
by "Ron Smith" <resmith@primenet.com>
77) [30687] Re: Fox procedure
by Ed Loranger <we6w@qsl.net>
78) [30688] Gotta stop messing around
by Laura HALLIDAY <ve7ldh@direct.ca>
79) [30689] What's at 4.1943 MHz?
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
80) [30680] FOX: Hunter Team Standings
by Joe Gervais <vole@primenet.com>
81) [30681] Norcal Paddles--gunk in holes
by PDouglas12@aol.com
82) [30680] 2222 Design Contest
by Sam Billingsley <sbillingsley@mindspring.com>
83) [30681] GREAT EVENING
by kc4mhm@juno.com (ed miller)
84) [30680] Wanted: 38 Special Kit
by "R.H. Osness" <Osness@compuserve.com>
85) [30681] My first QRPp
by "Pablo Robles" <wp4jxd@hotmail.com>

Date: Tue, 11 Nov 97 19:11:07 PST
From: rsorge@phoenix.net
To: qrp-1@Lehigh.EDU
Subject: [30642] FDIS - QRP @ Dayton
Message-ID: <Chameleon.971111191355.rsorge@phoenix.net.phoenix.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Which hotel are the QRP activities for The Dayton Hamvention going to be . I missed them in '97 and want to attend in '98.

72 de KC5FMZ

Name: Robert H. Sorge - KC5FMZ

E-mail: rsorge@phoenix.net

Date: 11/11/97

Time: 7:11:07 PM

Date: Tue, 11 Nov 1997 17:13:03 -0700

From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>

To: qrp-1@Lehigh.EDU

Subject: [30643] FOX

Message-ID: <3.0.3.32.19971111171303.00688594@dante.nmsu.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Worked the FOX on 7.0397 (split at 7.0395) at 0004z. He's pretty strong but some QSB. The hunters are really jammed up!

Tim K50I

Date: Tue, 11 Nov 1997 19:28:14 -0700

From: Ryan <ryans@willinet.net>

To: qrp-1@Lehigh.EDU

Subject: [30643] Talking from 2 states?

Message-ID: <3.0.3.32.19971111192814.007e4160@mail.willinet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

What is this stuff about talking from 2 states? (I'm new). I just thought I'd ask because I live in Sioux City, IA, which is on IA, SD and NE.

Ryan

Date: Tue, 11 Nov 1997 20:32:50 -0500
From: Ed Tanton <n4xy@bellsouth.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [30644] F.S.: HW-7/HW-8/HW-9/acc.
Message-ID: <3.0.1.32.19971111203250.00b568e0@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have decided to sell my HW collection, consisting of an HW-7, HW-8, HW-9 w/WARC, an HWA-7-1 PS and an HM-9 SWR/Wattmeter all with manuals. Physical condx is excellent on all three units. I would like to sell these as a group, and am offering them at \$550 plus postage. Thanks.

72/73 ZUT!!!

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663 G-QRP #6779 OK-QRP #172 QRP-L #758
NCDXF SEDXC Life Member: ARRL AMSAT INDEXA QCWA
INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% 75W or less: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!"      Henry Ford  
~~~~~

Date: Tue, 11 Nov 1997 17:43:25 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: tpettibo@nmsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30644] Re: FOX
Message-ID: <3469094D.1B3B@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Timothy J. Pettibone wrote:

>
> Worked the FOX on 7.0397 (split at 7.0395) at 0004z. He's pretty strong
> but some QSB. The hunters are really jammed up!

Not as jammed up as I am:

Sittin' in a hotel room
2500 miles from home
missin' my old radio
fox, I need you tonight!

Vic K2VCO
Somewhere on the East coast

Date: Tue, 11 Nov 1997 21:07:58 -0500
From: k3lu@juno.com (Ulis R. Fleming)
To: qrp-l@Lehigh.EDU
Subject: [30644] Re: Questions...
Message-ID: <19971111.210956.14382.0.K3LU@juno.com>

Actually 115/120v, 60 cycles.... that is when there is electricity.

-73

Ulis K3LU TI5NW

On Tue, 11 Nov 1997 10:09:38 -0500 (EST) Ronald Hands <rhands@hwcen.org>
writes:

>

> Since this reflector is the fount of all knowledge, does anyone know
> whether the electrical power in Cuba is 110 volt, 60 cycle?

Date: Tue, 11 Nov 1997 21:16:03 -0500 (EST)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30645] One more paddle & one more paddlefinishing stuff &c
Message-ID: <971111211558_1371474040@mrin39>

Gang,

'Bout tired of hearin' about it, ain'tcha? Well, here's one more adventures
in metalwork story. Delete now unless you're like me (which is a scary
thought, ne?)

I went to the hardware store today to get some stuff for Cindy's project in

the living room. While there I looked at a couple allen wrench sets and bought one that ain't got a single wrench size for the paddles. . . but that's another story.

I also got a bottle of selenious acid, often known as "Gun blue" or "gun bluing." I got home, handed Cid the stuff she wanted and then took a swipe with a q-tip at the bottom of the paddle base . . . where I can make a mistake or two. Instantly turned the metal as black as a cold tv screen. Went downstairs and helped Cid with her project.

When that was done, I took the entire paddle set apart and cleaned the base with mineral spooks and some hot water. Then I painted the sides and top and bottom of the base with the bluing stuff. Took a couple tries to get it right and two times through the deal to get it from being splotchy. Smelled like a gun shop. Which made Cid nervous. She always gets that way when I start gettin' ready to shoot something.

Anyway, that's another simple finish. And it polishes up pretty nice too.

Only one thing: metal never forgets. If you mess it up, you'll spend the rest of your days trying to get that one little place on the corner that got bumped from dropping it on the shop floor when you just put on the first blue coat.

Oh yeah, can I still buy another one? I mean, it's like too good to just have one of.

73

Nils

WB8IJN &c

. . . and I didn't get into that badgers ate my cheese otters and left me with cold coffee bit, did I? Wanna hear about it? Huh?

Date: Tue, 11 Nov 1997 19:48:52 -0800 (PST)
From: "David D. Meacham" <ddm@datatamers.com>
To: Larry Wise KA5T <lewise@inetport.com>
Cc: qrp <qrp-1@Lehigh.EDU>
Subject: [30646] Re: Moles, Voles and New QRPp
Message-ID: <Pine.LNX.3.91.971111194656.6140A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Larry,

The error is in the index on the front page. That's what Joe copied to the list.

72, Dave, W6EMD

On Tue, 11 Nov 1997, Larry Wise KA5T wrote:

> Dave:

>

> My copy says W6EMD...both at the beginning and at the

> end...

>

Date: Tue, 11 Nov 97 19:43:00 -0700

From: "James R. Duffey" <jamesd1@flash.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [30647] Fox Loud in NM and Calls Heard

Message-ID: <199711120244.UAA10012@endeavor.flash.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

All - The Fox was 599 or better for the duration here tonight. Most of the hunters were 559 or better as well. There were only a few I could not hear, and propagation appeared to be very good with stations copied here from coast to coast. Bob had his hands full and handled it well. There were some foxes that stepped on Bob though. The pile up seems not to behave itself as well when propagation is good. Myself included.

I worked the Fox at 0015Z, after Tim K5OI had grabbed him earlier. There go the bragging rights to NM foxhunting for at least another week. Gary beat me out last night.

I have a long list of calls heard here; N7XJW, K5OI, W6BAB, WW7Y, N5JI, N7VE, W7QQQ, WE6W, N5LU, KU7Y, K10J (got your prefix this time!), W0CH, KF6CTA, AF9T, K5JHP, W6SU, K4UP, N6WG, W7SSM, AB7MY, W6ZH, WD4MSM, W03B, K06KA, W5SSM, AE4IC, AB5UA, W9DWP (a call like that belongs in LA, or maybe Chinatown), VE6GK, AB7TK, N5ABZ, W2UX, K1MG, KU4AF, W3WM, KJ3V, W5TFB, WV7F, N6XU, W5FN, N2GO, AA0ZZ (the alpha-omega call), K0EVZ, K5ON, WA6NAE, K6VNX, AF5VZ, N0UR, K5JO, WA9PWP, K5LE, KA8OKH, WB9HFK, NN9K, and N0TFI.

I get lots of feedback that this list is good, but I would caution you that it is an unscientific sampling at best. I know because I do science for a living, at least when I am not doing schedules and budgets :>). I do not always listen to the entire session, taking time out to eat dinner and help kids with homework. After I have caught the Fox the Negra Modelo

filter is often engaged. Those of you at Ft. Tuthill may recall my use of the XX filter in portable applications. I also have difficulties listening to the pile up for 2 hours straight and often take a 5 minute break. I hear many stations I cannot identify, this is due often due to the pileup stepping on the Foxes reply and I miss the identify of the station he is in contact with. In addition the usual errors in transcription, typing and copying creep in.

See you next week. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Wed, 12 Nov 1997 02:47:27 -0800
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
To: qrp-1@Lehigh.EDU
Subject: [30647] Keyer: TiCK and Spare Tires
Message-ID: <3469893E.2B0C@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I now have a spare keyer, but unfortunately not "just in time".

The commercial memory keyer croaked Sunday, and I had 3 TiCK chips laying around unbuilt for "someday". If you haven't built one yet, I suggest they make a great and economical "spare". Wished I had one when my other commercial job went south. For about \$10. and a spare 2n2222, cap, 4.7k and battery, ya can't beat it. Build time was only about 2 hours, and that includes fitting into a spiffy case.

Now where is that AZ fox?????????.....

73,

Jack / Houston / WA8GHZ /5

"I know the guy who built my radio."

Date: Tue, 11 Nov 1997 21:54:51 -0500 (EST)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [30648] Re: N/T+ fox tonight
Message-ID: <Pine.GS0.3.96.971111215412.29526A-1000000@hercules.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The N/T+ fox in booming into WNY tonight.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Tue, 11 Nov 1997 20:27:41 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [30648] Fox Audio Files and my report.....
Message-ID: <3469222D.705A@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi guys,

I finally got the fox audio files put up at the web site. There are files from Mondays hunt and Tuesdays hunt. I must admit that I think the band conditions were better Monday, but Bob di a great job as did Mike. I did not get a good run at the hunt tonight, but did manange to work the Fox at about 01:40 and get some files recorded. Seems that the group was a little anxuiuos in the pile up and not listening to partial calls. The band was weird. I heard Doc K0EVZ 589 and KI7MN 589 but they could not hear each other! Give the files a listen, you can hear the "S" beacon in the background, so the band was trying to go long. I did get Bob's QRT message, that was kinda cool. So far the delta loop has not failed me! The fox is always at least 1-2 s units better on the delta than the Gap so far...

Fox file at
<http://www.qsl.net/n0tfi>

Best

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp>

qrp-l #1232 CQC #92 1997 Fox

Date: Tue, 11 Nov 1997 19:26:40 -0800
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30649] Fox
Message-ID: <346921F0.49A@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Started raining this afternoon. Something in the power line system doesn't like getting wet!!

The line noise here was over S9 most of the eve. Still is.

Got the first fox, but I think I stepped on some others a time or two. The fox would just not always come up out of the noise.

But I did get him. Good job he was doing.

The N/T+ fox was in there now and then, but just couldn't pull him out of that noise. Otherwise I think we could have worked.

Will be talking to the power company tomorrow to see how to go about finding this noise!

Also used the 930 on the vertical. At times it would do a better job of hearing the fox than the 1000MP on the yagi. You just never know what is going to work best!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP QRCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Tue, 11 Nov 97 20:27:45 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30649] Fox Bugs
Message-ID: <199711120329.VAA28104@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

All - I forgot to mention in my earlier Fox report that it seemed like an unusually large number of the Hunters were using bugs tonight. Not hard to copy either. Maybe it was just the power of suggestion ;>). - Duffey
KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Tue, 11 Nov 1997 22:49:41 -0500 (EST)
From: n3wxi@sgi.net
To: qrp-1@Lehigh.EDU
Subject: [30649] GOT ONE
Message-ID: <199711120349.WAA01277@pisces.bv.sgi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Happy Day!

After almost 2 years of trying I finally bagged a pelt. My first fox!
Tuned around without much hope because of the usual BC QRM and all of a sudden there was Mike KF4TRD. Heard him send QSY 1 D. Moved down and he called CQ. Sent my call once AND HE CAME BACK! No sweat.

Sorry for the shaky fist Mike but my hand was actually shaking.
Card is in the mail.

Wife wasn't home so had to do the happy dance with the dog.

Thanks Mike.
Thanks Kenwood.
Thanks Sun.
Thanks Marconi.

Thanks EVERYONE!

HAPPY DAY! HAPPY DAY! HAPPY DAY!

George Stratemeier (N3WXI)
Pittsburgh, Pa.
QRP-L #440

Date: Tue, 11 Nov 1997 21:00:50 -0800
From: Ron Giuntini <rong@slip.net>
To: qrp-l@Lehigh.EDU
Subject: [30650] Delay of AM radio signals
Message-ID: <34693802.3D0D@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone heard an AM broadcast station sounding like this?
I have heard KST in Sacramento here in San Francisco a few times and it has been interesting. Here is what I heard. About 30 minutes before sunset I can hear the station on my truck radio and I hear the signal, along with a number of "echoes" of the signal. There are more than one delayed signal, and the delay is as much as perhaps .5 seconds. Maybe more. Maybe as much as a full second. I have heard this more than once and was wondering if the signal is simply bouncing back from the ionosphere and I am hearing the bounce along with the groundwave. Perhaps the multiple echoes are different layers? Anyone know what is actually happening?

Date: Tue, 11 Nov 1997 21:37:08 -0700 (MST)
From: ki7mn@dancris.com
To: qrp-l@Lehigh.EDU
Subject: [30651] FOX Tues
Message-ID: <199711120437.VAA18571@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a run. Not as many as I had hoped, as the noise and QSB was bad, but I did manage to get 57 contacts. Sorry for those who I just couldn't pull out, including Doc. Heard part of your call, but the pack was fierce and I wasn't be sure enough to get back to you.

I'll get the list out tomorrow as soon as I transcribe it. Good job on the hunter's part, but the pileup was something else....went on and on.

Thanks again, all of you. Not much from the East/Northeast. Too bad. Did get S.C., AL, AR, MN, OK, MO and KY, as well as an AB and an MT!

Looking forward to next time.

72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30

<http://www.dancris.com/~ki7mn>

Date: Tue, 11 Nov 1997 21:09:30 -0800
From: Wes Hayward <w7zoi@teleport.com>
To: qrp-l@Lehigh.EDU
Cc: sbillingsley@mindspring.com
Subject: [30652] Spurtune
Message-ID: <34693A0A.DA9@mail.teleport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Sam Billingsley posted comments and questions in QRP-L 906 regarding Spurtune, a program that's included with "Intro. to RF Design." That program was generally written with the transmitter in mind. However, if you want to look at the receiver problem, define the IF as a mixer output and specify a modest range. Then, set up the LO and Input sweeps to match. Be sure to allow small LO steps, perhaps 10 or 20 kHz. Clearly, the program could be expanded quite a bit. I'm glad to see that someone is looking at and using the program.

Rohde and Bucher hit this problem in their book "Communications Receivers, Principles and Design," McGraw-Hill 1988. They have a very extensive discussion starting on page 106. The analysis is complete, but quite messy. Indeed, this was part of the motivation for the writing of SPURTUNE.

Sabin and Schoenike also discuss the spur problem in "Single Sideband Systems and Circuits, 2nd Edition, McGraw-Hill, 1995. See the receiver chapter, spur discussion starting on page 132. Also, there is a program with the title SPUR.EXE on the disc that comes with the book. It generates the classis spur charts for both the transmit and receiver cases. I don't have much experience with this, but it looks like it

would be a good starting place.

Finally, don't give up the possibility of writing a program. A spreadsheet is a good tool for this sort of thing. I've seen (but don't have copies of) some very effective spreadsheets to look for spurious responses.

Good luck to all of the experimenters out there who are diving into the 2N2222 contest. It's too bad that the rules only allow one page schematics and one page write-ups. I bet some of the designs could justify more!

73, Wes, W7ZOI

Date: Wed, 12 Nov 1997 00:22:57 -0500 (EST)
From: MDomeier@aol.com
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU
Subject: [30653] Re: bugs, keys and paddles
Message-ID: <971112002255_76448934@mrin47>

Just my two cents worth. I use to hate the sound of Bug Ops when I first got my ticket. The problem was my inability to copy code worth a darn. After seven years of being a ham I finally got the bug (sorry about that) to buy, practice, and get on the air with one of these jewels. I'm hooked, can't seem to go back to the paddles and keyer. Fact is I can't figure out why any CW op would even consider using a keyer unless they were running a contest. The Bug has been a lot of fun to use and try to master, the big problem is learning how to use it before you get on the air and drive everyone away with a rotten fist.

Date: Wed, 12 Nov 1997 00:35:08 -0500
From: "Daniel L. Evans" <dlevans@hsonline.net>
To: qrp-1@Lehigh.EDU
Subject: [30654] Re: QRPttF 98 Theme
Message-ID: <3.0.1.16.19971112003508.29f7611c@mail.hsonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:58 AM 11/11/97 -0700, you wrote:

> K5F0, Chuck - actually, if I understand my geography correctly (I was

>edukated in New Mexico), we could work all states with less than 23
>contacts. Remember, the ARRL does not recognize this, but since K5F0 is
>the Awards Chairman for QRP-ARCI, I am sure Chuck could be bribed, ah er,
>encouraged to come up with a QRP-WAS certificate, for this event. Chuck-
>2 - 50 lbs. bags of green chili enough ? Think about this Chuck, with
>less than 28 contacts, You could work all Canadian provinces & WAS too.

>

> 72...Jay, WA5WHN DM65qd Albuquerque, NM

>USA

>

How about an award for was with the least number of contacts?

72/73 de Dan

Dan L. Evans [N9RLA].....EM78

CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Wed, 12 Nov 1997 00:34:51 -0500 (EST)

From: MDomeier@aol.com

To: qrp-1@Lehigh.EDU

Subject: [30655] Re: Bug Stuff

Message-ID: <971112003450_1113553706@mrin40.mail.aol.com>

I'd like to thank Steve for starting this thread, It gave me an excuse to actually post something here after reading the mail for a couple of months.

Bugs in use: Blue Racer Original

Original Delux

Original

Paddles in mothballs: Vibroplex Delux

Bencher

72

de Mike

Date: Wed, 12 Nov 1997 01:13:48 -0500

From: "Daniel L. Evans" <dlevans@hsonline.net>

To: QRP-1@Lehigh.EDU

Subject: [30656] prop. update ???

Message-ID: <3.0.1.16.19971112011348.2b4f5218@mail.hsonline.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Any of the propagation guru's like to give us a prediction for the upcoming weekend?

I like the updates, as I don't have access to wwv at the moment..

Thanks & 72/73 de Dan,
Dan L. Evans [N9RLA].....EM78
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Wed, 12 Nov 1997 06:15:08 GMT
From: n4js@pobox.com (John Sielke)
To: ki7mn@dancris.com, qrp-1@Lehigh.EDU
Subject: [30657] Re: FOX Tues
Message-ID: <346b48a4.7570288@mail.cyberenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Tue, 11 Nov 1997 21:37:08 -0700 (MST), you typed:

>Thanks again, all of you. Not much from the East/Northeast. Too bad. Did=
get
>S.C., AL, AR, MN, OK, MO and KY, as well an an AB and an MT!=20
>

You were good 559 the first 1/2 hour here, then slowly faded to nothing....even the hunters faded out after 0100Z. I called and called (sometimes maybe when I shouldn't have), but unable to break the "Texas Curtain" which blocks the Western foxes from us poor city-slickers in the NE. Actually the CA stations were strong in here tonight, early, also.

John L Sielke=20
njbirdman@pobox.com
zygodactyl@bigfoot.com
/ \ / \ / \ / \ / \ / \ / \ / \
(N)(J)(B)(I)(R)(D)(M)(A)(N)

_/ _/ _/ _/ _/ _/ _/ _/ _/ jsielke@cyberenet.net
jsielke@usa.net
http://www.pobox.com/~njbirdman ICQ #3789653
"Why yes, I have some Grey poop on."

Date: Tue, 11 Nov 1997 22:22:57 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30658] CW as Art
Message-ID: <Pine.SUN.3.90.971111221747.3451A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Boy, am I glad to see all these people who are using bugs!

To me, CW is an art form. Not something some machine makes
for us. But something that presents a challenge to learn
and that makes us feel good, even proud, when we get there.

I too have a bug. But I don't get on with mine any more.
You should all be glad!!

Of course if I could borrow someone else's call..... :-)

Keep on bugging!

And never forget that sending good code is only half the
job. The other half is copying what ever is sent to you!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 12 Nov 1997 01:35:43 -0500 (EST)
From: Bob Patten <n4bp@shadow.net>
To: Joe Gervais <vole@primenet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30659] Re: QRP HAM License Plate
Message-ID: <Pine.SOL.3.96.971112013431.11753B-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 Nov 1997, Joe Gervais wrote:

>
> > Handsome isn't the word for him. He's just plain CUTE! Isn't he just
> > the CUTEST thing?
>
> Aw geez, I'm never going to live this down am I?
> On the brighter side, maybe it'll convince Meg Ryan
> to change her mind about me.... :-)
>
Jeez, I missed it - don't get World Radio Mag. Can anyone send me a scan?

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 12 Nov 1997 02:36:06 -0800
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [30660] Re: QRPttF 98 Theme
Message-ID: <34698696.260C@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How about "QRP-WASL" if you can WAS with just 23 contacts (worked all
statelines)?
jerry aa1of

Date: Wed, 12 Nov 1997 07:52:05 -0800

From: jerry schnor <jerrylee@cwws.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30661] info
Message-ID: <3469D0A5.55B1@cwws.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

anyone have any experience with the patcomm transceiver as a qrp rig
supposd to go to one watt ? plase e-mail me direct thanks jerry n6ifw

Date: Wed, 12 Nov 1997 08:09:19 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [30662] Beacon List Announcement
Message-ID: <199711120809.IAA29668@chuck.dallas.sgi.com>

Gang,

Due to popular demand and a suggestion from the CW list
Jim and I are starting a 40M Beacon List mail reflector in
order to record observations and collect same in one
place.

Estimated start date November 17th.

1. Name yet to be determined. ussr-beacon-list or
40m-beacon-list may be chosen by end of this week.
Although the USSR no longer exists the beacons
were in existance at the time.
2. Observations restricted to 7.040 and 7.002MHz beacons.
No 10 meter beacons. Pity the 10-10 reflector when the
propagation comes back.
3. Reports in formal format such as

DATE (UTC):
TIME (UTC):
BEACON HEARD:
FREQUENCY (MHz):
SIGNAL REPORT:
REPORTING INDIVIDUAL:

LONG/LAT (Decimal Degrees):
RECEIVER:
ANT SYSTEM:
ANT ORIENTATION:
COMMENTS:

With data collected in one place propagation information,
beacon characteristics, etc. can be accumulated and studied.
Feedback to adams@sgi.com, not this list, please.

I did a search on all qrp-l traffic since day one. Did not
see one mention of VE3RAT beacon, 1W, on 17m 18.101MHz.
It sends a series of dits followed by VE3RAT 1 WATT CCW FN03 AR
and I find that it is a good checkpoint for the condition of
the band. I have no idea of the antenna setup, but assume
a vertical to get uniform azimuth distribution or maybe even
a ground plane. Needless to say the state count on 17m has
gone up quite a bit in the last 60 days since the KL7 contact.

The solar flux has dropped below 90 again but lets hope not
for long.

FYI

Sample report:

DATE (UTC): November 12, 1997
TIME (UTC): 0758UTC
BEACON HEARD: F
FREQUENCY (MHz): 7.040MHz
SIGNAL REPORT: 539
REPORTING INDIVIDUAL: Chuck Adams, K5FO
LONG/LAT (Decimal Degrees): 32.783N 96.800W Dallas,TX
RECEIVER: OHR Explorer II
ANT SYSTEM: OCF Dipole 40m long at 5m height
ANT ORIENTATION: N-S direction
COMMENTS: Steady strength with no QSB. Very few stns
heard on rest of band from 7.000 to 7.100MHz.

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Wed, 12 Nov 1997 08:20:10 GMT

From: Werner.Jochem@hoexter.netsurf.de
To: qrp-1@Lehigh.EDU
Subject: [30663] HOT Party
Message-ID: <19971112.8201035@wernerjo>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Not too interesting for stations in NA (because of bands and operation=20=
times), but there a still some others on this list ;-)

Homebrew @ Oldtime Equipment Party (HOT)

Date: Nov 16, 1997
Hours: 1300 - 1500 UTC on 40m
1500 - 1700 UTC on 80m
Classes: A: RX and TX (or TRX) homemade or more than 25 years old
B: RX or TX homemade or more than 25 years old
C: QRP-TX (less than 10 W input) homemade or more than 25=20=

years old

Mode: CW=20
Exchange: RST + Serial number (starting at 001 for each! Band) +=20
Class

e.g. 579001/C
Scoring: Class A > A, A > C, C > C 3 points
Class B > A, B > C 2 points
Class B > B 1 point

The final score is the total points.

Log: UTC, Call, RSTs, RSTr, Scoring (please add a description=20=

of your stn).

Deadline: Dec 15, 1997=20
Manager: Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
38228 Salzgitter
Germany

Date: Wed, 12 Nov 1997 08:27:47 GMT
From: Werner.Jochem@hoexter.netsurf.de
To: qrp-1@Lehigh.EDU

Subject: [30664] Yaesu FT-DX-100 - how old?
Message-ID: <19971112.8274772@wernerjo>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Not strictly qrp related:

on Sunday (Nov 16) there will take place the HOT Party (Homebrew and=20=

Oldtime Equipment). I posted the contest rules in another message.

I own a Yaesu FT-DX-100 transceiver but I don't know how old it is.=20

Unfortunately the label with the serial number is missing. The manual=20=

gives no advice.

Anyone on the list who knows when this rig was produced?

72 Joe DK7VW (N7VW) DL-QRP-AG, G-QRP-Club, QRP ARCI etc.

Date: Wed, 12 Nov 1997 07:01:21 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: rong@slip.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30665] Re: Delay of AM radio signals
Message-ID: <EwrlqbABRVa0EwKA@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <34693802.3D0D@slip.net>, Ron Giuntini <rong@slip.net> writes
>Has anyone heard an AM broadcast station sounding like this?

>I have heard KST in Sacramento here in San Francisco a few times and it
>has been interesting. Here is what I heard. About 30 minutes before
>sunset I can hear the station on my truck radio and I hear the signal,
>along with a number of "echoes" of the signal. There are more than one
>delayed signal, and the delay is as much as perhaps .5 seconds. Maybe
>more. Maybe as much as a full second. I have heard this more than once
>and was wondering if the signal is simply bouncing back from the
>ionosphere and I am hearing the bounce along with the groundwave.
>Perhaps the multiple echoes are different layers? Anyone know what is
>actually happening?
>

Many, many years ago, I remember reading discussions of "long-delayed
echoes". I don't remember if the phenomenon was ever explained.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a
low-cost reconfigurable computing module using the XC6216 FPGA

Date: Wed, 12 Nov 1997 05:41:32 -0500
From: "david's" <elim@IME.NET>
To: <elim@IME.NET>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30666] Re: bugs keys , etc.
Message-ID: <01bcef57\$8af2ea60\$13c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

boy I must be getting old and forgetful.. I gave Chuch the credit for the
Telegraph page.. but It should have been Neal McEwen K5RW- at
<http://fohnix.metronet.com/~nmcewen/ref.html>

-----Original Message-----
From: david's <elim@ime.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, November 11, 1997 6:19 AM
Subject: Re: bugs keys , etc.

>
>HI ALL,
>
>FOUND THE THREAD ON BUGS QUITE AMUSING AND INTERESTING-- THE SECRET TO
>OPERATING ANY BUG IS ADJUSTMENT AND PRACTICE .
>K5FO ON HIS GREAT TELEGRAPH OFFICE HOME PAGE HAS A PAGE TAKEN RIGHT OUT OF
>THE OLD ARMY TECH MANUAL WITH THE PROPER ADJUSTMENT PROCEEDURE. FOLLOW
>THAT
>AND PRACTICE BEFORE GOING ON THE AIR AND YOUR BUG WILL SOUND GREAT ALSO.
>CHECK IT OUT AT
>[HTTP://foxnix.metronet.com/~nmcewen/bug_adjust.html](http://foxnix.metronet.com/~nmcewen/bug_adjust.html)
>
>happy keying and 73 dave kc1di
>p.s.
>also check out the rest of his collection of keys and telegram stuff you'll

>be amazed at the history on this sight.
>Http://foxnix.metronet.com/~nmcewen/
>
>
>
>

Date: Wed, 12 Nov 1997 06:19:46 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:mikemo@ibm.net" <mikemo@ibm.net>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [30667] N/T+ fox tonight
Message-ID: <199711120622_MC2-27DE-55DC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Mike:

Well I heard you a few times, but evidently you were not hearing me.
The last time I heard you about 569 w/heavy QSB with only 20 minutes or so left. Well, maybe next time.

I will be leaving for Europe/eastern Europe in a few minutes, returning by the evening of 22 Nov 97. So I will be looking for you again after that date..

Thanks again for serving as the FOX last evening! Good luck.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/11/97 12 of 14 + 8 of 13 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 12 Nov 1997 06:19:41 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ki7mn@dancris.com" <ki7mn@dancris.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [30668] FOX Tues
Message-ID: <199711120622_MC2-27DE-55DB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bob:

Well it was just one of those strange evenings! Could hear you and the hounds very well right at the start. Then your signals and those of the FOX just began to go away. About 40 minutes into the hunt everybody had disappeared altogether. Oh well. Sigh...

BTW, will be in Europe for the next few FOXes. I will leave for Vienna, Austria, in about an hour. From there will go on to Odesa, Ukraine, returning to my home QTH (Rochester, MN) on 22 Nov 97. Will be the FOX on 25 Nov 97.

Thanks again for a good FOX hunt. I hope to snag you the next time you are up! Good luck.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 12 of 14 + 8 of 13 N/T+ FOX

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 12 Nov 1997 06:19:54 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [30669] QRT thru 21 Nov 97
Message-ID: <199711120622_MC2-27DE-55DE@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Will be out of the USA from 12-21 Nov 97. I leave for Vienna, Austria, in about an hour. Will go to Odesa, Ukraine, next Sunday afternoon, and return to my home QTH (Rochester, MN) on 21 Nov 97. Hope to get right back into FOX hunting that evening!

In the meantime, good luck to one and all. BTW, will be Unsubscribing from QRP-L right away, as the old CSERVE mailbox fills up every day. I will be completely unavailable via e-mail until 22 Nov 97.

->PLEASE NOTE--I am the FOX on 25 Nov 97. Please plan now to be in the FOX hunt that evening. In the meantime, good luck, everybody.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/11/97 12 of 14 + 8 of 13 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 12 Nov 1997 07:28:24 EST
From: k5zty@juno.com
To: NilsBull@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [30669] Re: One more paddle & one more paddlefinishing stuff &c
Message-ID: <19971112.122408.5463.0.k5zty@juno.com>

I think Nils had a stroke of sanity. I actually read one of his posts and understood it.
Good job Nils, now go take your medicine..
Bill, K5ZTY
Houston TX

Date: Wed, 12 Nov 1997 07:34:46 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, antennas@qth.net, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org
Subject: [30670] link tuners
Message-ID: <Pine.SOL.3.94.971112072015.19248G-1000000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have saved some 55 messages so far related to interest in the re-emergence of a link-coupled tuner on the market--and I know some did not get saved along the way. Interest is split between low and high power versions. An interesting sidelight is that over half express interest in a kit--perhaps because it is something macroscopic that can be built without a magnifier and with hands instead of tweezers--either that, or an urge to save some money along the way.

Since most background accounts of link tuners have gotten truncated in modern handbooks, I am working on a leisurely tutorial on link tuner principles and practices--so leisurely that it probably will not be on line until just before 1998. It will be too long to publish in any of the magazines.

Thought folks might like an update on the subject.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/ /	(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\	\		cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html							

Date: Wed, 12 Nov 1997 05:46:55 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: cebik@utkux.utcc.utk.edu
Cc: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>

Subject: [30671] Re: link tuners
Message-ID: <3469A53F.3B8E@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tks L.B....this is great news! I'm trying to collect the parts for a
LC-ATU and don't see much in the way of info on these guys. Steve/n0tu

L. B. Cebik wrote:

>
> I have saved some 55 messages so far related to interest in the
> re-emergence of a link-coupled tuner on the market--and I know some did
> not get saved along the way. Interest is split between low and high power
> versions. An interesting sidelight is that over half express interest in
> a kit--perhaps because it is something macroscopic that can be built
> without a magnifier and with hands instead of tweezers--either that, or an
> urge to save some money along the way.
>
> Since most background accounts of link tuners have gotten truncated in
> modern handbooks, I am working on a leisurely tutorial on link tuner
> principles and practices--so leisurely that it probably will not be on
> line until just before 1998. It will be too long to publish in any of the
> magazines.
>
> Thought folks might like an update on the subject.
>
> -73-
>
> LB, W4RNL
>
> L. B. Cebik, W4RNL /\ /\ * / / / (Off) (423) 974-7215
> 1434 High Mesa Drive / \/ \/ ----/\---- (Hm) (423) 938-6335
> Knoxville, Tennessee /\ \ \ / / || / (FAX) (423) 974-3509
> 37938-4443 USA / \ \ || cebik@utk.edu
> URL: <http://funnelweb.utcc.utk.edu/~cebik/radio.html>

--

.....Steve > n0tu . .
email:N0TU@webaccess.net
homepage <<http://www.webaccess.net/~S&P>>

Date: Wed, 12 Nov 1997 07:39:39 -0600

...the following is an accurate (sorta) description, sound for sound, of the fox hunt from Regina, Saskatchewan on Tuesday evening.....

[illegible]

QRP! How sweet it is!"...HI HI...72 - Bruce (VE5RC) and as of Nov.7 my second call is VE5QRP.

Well, I survived another night as the N/T+ fox. I think they put the novice band along with all BC bigmouths as an incentive to upgrade ;-) What a mess!

Time	Freq	Call Name	State	Sent	Rec.	#	
02:11	7.117	N0YKO	Jerry	MO	339	579	
02:24	7.117	N3WXI	George	PA	459	44n	
02:35	7.116	WD4MSM	Barry	IN	349	559	
02:40	7.116	KD4PUP	Jerry	VA	449	44n	
02:45	7.116	N2GO Jim	NY	349	559	5w	

02:49	7.116	N3YSI	Paul PA	599	579	4w
02:54	7.116	N9KW John	IL	599	579	
02:57	7.116	WA9PWP	Paul WI	459	579	5w
03:05	7.116	N3VXI	Jim PA	339	459	
03:14	7.116	VE3ELA	Ken ONT	339	549	
03:20	7.116	W8SFF	Steve		339 539	1288

I was trying to work W30X at about 03:35 and everything just died. Sorry to all those that could hear me but I couldn't copy. My dipole is only about 20 feet up, and runs east-west. I'm sure a better antenna would have done a better job. Special thanks to Steve, W8SFF, for sticking with me for over 10 minutes of QRM / QSB as I tried to get all his info. Also to John, N9KW, for sending so fast my head was spinning. The amazing part was I actually copied it...

See you in two weeks for another hunt!
72 de kf4trd
Mike Maiorana

Date: Wed, 12 Nov 1997 07:56:40 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [30674] paddle---help!
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F4F@stone.siaast.sk.ca>
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

Real quick now...ANYONE at NorCal or maybe Jim before he goes to Scotland...put the paddle I ordered into the pouch on a BIG slingshot, aim at my house in Regina and LET 'ER GO!!!!....Canada Post goes on strike tomorrow...aarrrrgghhh!!!!...I've put a big net up for the 'catching of the paddle"...72 - Bruce(VE5RC)

Date: Wed, 12 Nov 1997 09:03:51 -0500 (EST)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [30675] Another web page floats to the surface
Message-ID: <971112090350_76493574@mrin43.mail.aol.com>

Gang,

I've finished putting the next iteration of my web pages on the system here.
Or there, depending . . .

The "real" amateur radio page now exists by itself, so to speak. The URL is

<http://users.aol.com/nilsbull/wb8ijn.htm>

New pictures & more silly verbage. Or vegetables . . .or something

73

Nils

WB8IJN &c

. . . and no pictures of my paddles . . . yet.

Date: Wed, 12 Nov 1997 07:05:43 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [30676] FOX Tues 11/11/97
Message-ID: <199711121405.HAA01136@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, here is what I have. Hope I copied it all OK. Please e-mail
corrections to ki7mn@dancris.com

QSB was the worst of it....some of you just disappeared right in the middle
of a string, so I had to ask for a lot of fills in the last hour.
It was a lot of fun, though. The time just flew by, but when it was over, I
was ready for a break! Had to go to the closest Italian eatery and get one
of those humongous calzones :^)

Thanks to all of you for being there. Everyone worked very well, and as soon
as I sent a call, quieted down, for the most part. The difficult part was
pulling a call out of the pack. The signals weren't weak, there were just so
many of them!

0003 N7XJW	559	599	AZ	BERTIE	1259
0003 K5OI	559	559	NM	TIM	73
0004 W6BAB	559	559	CA	HARVEY	5W
0006 N7VE	559	559	AZ	DAN	5W
0007 NQ7X	559	599	AZ	FLOYD	242
0008 N7KT	559	579	AZ	ROGER	626
0009 W7QQQ	559	599	AZ	JACK	1210
0040 NQ7K	559	599	AZ	MIKE	47

0012	W9UQV	559	599	AZ	MIKE	413
0014	KK6MC/5	559	599	NM	JIM	411
0016	WW7Y	559		UT	STEVE	94
0019	W5VB0	559	599	AZ	BRIAN	404
0020	KF6CTA	559	599	CA	DICK	951
0022	KU7Y	559	449	NV	RON	17
0023	W0CH	559	559	MO	DAVE	618
0025	N5LU	559	559	OK	BILL	5W
0028	K10J	559	559	TX	OJ	732
0031	K4UP	559	599	OK	GLEN	21
0032	W6SU	559	559	CA	JOHN	48
0033	K5ID	559	559	AR	KEN	652
0036	N5JI	559	559	TX	DICK	5W
0038	N6MM	559	579	CA	HARVEY	318
0039	N6WG	559	559	CA	BOB	26
0041	W7SSM	559	599	CA	JOHN	1048
0042	AB7MY	559	599	AZ	GARY	571
0043	W6ZH	559	599	CA	PETE	257
0044	WD4MSM	559	599	IN	BARRY	642
0048	K06KA	559	569	CA	ROB	176
0050	W5SSN	559	559	TX	HENRY	178
0053	N0HJ	559	599	CO	JOHN	219
0056	W03B	559	569	CA	BOB	195
0058	WE6W	559	569	CA	ED	1068
0059	AB7TK	559	449	ID	RANDY	102
0101	AF9T	559	599	MN	JOHN	1022
0103	K1MG	559	579	CA	MIKE	614
0105	KJ2V	559	569	AL	LYNN	1224
0108	W5TFB	559	589	TX	JACK	282
0110	N6XA	559	579	CA	STAN	66
0112	W5FN	559	599	TX	TIM	586
0114	N2G0	559	449	NY	JIM	381
0118	K50N	559	599	NM	GARY	770
0121	AB5UA	559	559	OK	CLIF	378
0122	W3PM	559	559	AL	GENE	3W
0125	VE6NJK	559	599	AB	NIELS	1239
0128	WA6NAE	559	599	CA	DEWIGHT	5W
0130	K6VN	559	579	CA	ARLEN	5W
0134	AF5Z	559	599	TX	MOSES	984
0138	N0UR	559	559	MN	JIM	799
0141	AB7TT	559	599	AZ	JOE	4W
0144	K5JHP	559	449	TX	BILL	825
0147	N0TFI	559	559	CO	JESS	1232
0150	K5LT	559	559	CA	LOUIS	124
0152	K5W0	559	449	TX	BOB	373
0154	AE4IC	559	449	NC	BOB	54
0156	N7GS	559	449	MT	MAL	815
0159	KA80KH	559	599	KY	RICH	933

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Wed, 12 Nov 1997 08:10:27 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [30677] The Miracle has Happened!!!!
Message-ID: <199711121410.IAA13041@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High Y'all

No Spelling guaranteed

This is your favorite qrp displaced Cajun in the state of Maine.
It happened last nite.
I could not believe it so I called my wife over to verify. I said,
"honey-bun, you sweet cajun bell, am I hearing what I think I am hearing?"
"My sweet qrp honey :-) you finally found that fox, didn't you," she
said.
"Yes honey-lips it is the fox. General Lee would be proud..." I said.

Yes it was the fox and all the hounds finally making it into maine.
I just sat and listened. Sounded like a zillion women yelling for Elvis!
Sure must have been a real cutie for a fox. I counted a million
zillion signals shouting "this is +*&%\$#@ " and only one would be picked.
WOW, kind of like the old "Queen for a Day" show on tv.
What was most impressive was the strength of all these QRP
signals... Kind of like the ending of the song "Bolero" or exclamations
coming from the honey-moon sweet... :-)
Well done fellow QRP ops. Great fox and Great chase. What a bunch of
Hounds... :-)
God Bless
Joel wa5cvm

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentle Lady (RC Sail Plane)(049 engine - start)

80 mtr dipole up 50ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Wed, 12 Nov 1997 18:11:28 -0800

From: Jay & Jackie <jayboy@psnw.com>

To: qrp-l@Lehigh.EDU

Subject: [30678] Paddle Const-Help Please

Message-ID: <3.0.1.32.19971112181128.006a9520@mail.psnw.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Is it me?

Worked on the K8FF paddle this past weekend finishing the base with the "automotive touch up paint on the finger with a rag" method. Looks great. Spent \$80 for a Dremel to polish the brass (I've been in Ham Radio for 30 years, and expect these cost over runs!).

Here's the problem...The Center Block Assy, Dash and Dot Contact Assy are all raised slightly by the spacers or insulated shoulder washers. When I go to mount the DIT and DASH Paddle shafts, they are too low and do not make contact with the magnets or center block assy. Should I put more than one brass washer between the base and the sleeve bearing to lift the paddle shafts or am I missing something (besides common sense)?

Thanks

Jay, W6JDB

Date: Wed, 12 Nov 1997 09:14:28 -0500 (EST)

From: Philip Karras 827-2956 <PXX4@CDRH.FDA.GOV>

To: JOppen6115@aol.com, tahrens1@juno.com, qrp-l@Lehigh.EDU

Subject: [30679] Gel Cells and cheap-good charging

Message-ID: <C25ZXCND79D0*/R=FDADR/R=A1/U=PXX4/@MHS>

MIME-version: 1.0

Content-type: TEXT/PLAIN; CHARSET=US-ASCII

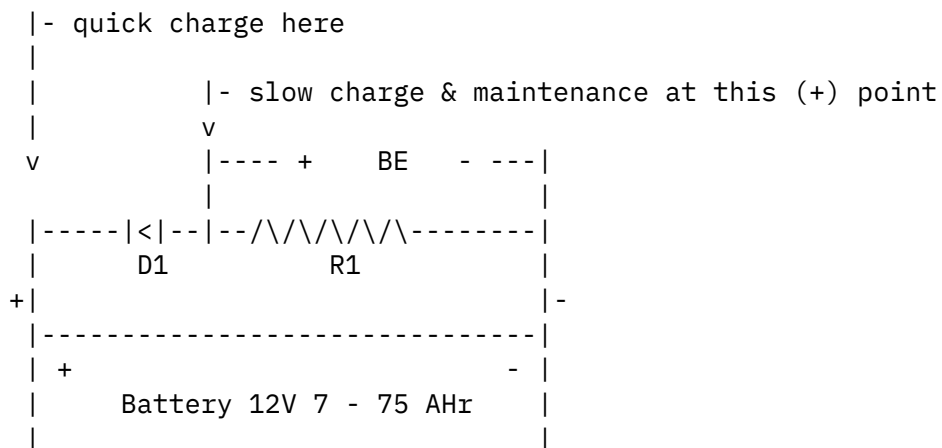
I see more questions about Gel Cells once again, so for what it's worth:

To charge a gel cell (12 volt version) it should be allowed to go up to 14.4V. At that time it is considered (by the manufacturers, 14.4 - 15 volts) to be fully charged. With a battery eliminator type charger you may notice that the charge current continues to drop as the voltage increases. This is a good thing since you don't want to keep forcing 800 ma into your battery when it is fully charged anyway.

Smart chargers measure the voltage & reduce the current so that they keep the battery topped off continually after the battery reaches full charge. If you measure the voltage at this time you may notice it changing from time to time as the unit senses that a bit more current is needed.

Another way to do the same thing is with a resistor/diode accross the battery. Set the diode so that no current flows through the resistor when attached to the battery. Then attach a 12 V battery eliminator (one of which you no doubt have around the house someplace) accross the resistor. In this way the eliminator current is split between the battery and the resistor. Pick the resistor such that its current draw is the same from the eliminator as the battery's when the battery reaches 13.8 Volts. With the diode this should be between 13.5 and 13.8 volts on the battery.

For 7 AHr Gel cells to 75 AHr gel cells I found that 125 ohm five to ten watt resistors work well with the 300 ma @ 12 V battery eliminators (BE) I sell as chargers. (For D1 I use a 1N4001 diode.)



|-----|

Some experimentation and much patience are needed to find the best resistor to limit full charge current.

This method can be used to fully charge a gel cell. I leave the battery/charger system as shown above for days until it reaches a voltage between 13.5 and 13.8 volts, then place the BE directly on the battery, this way ALL current from the BE goes to the battery. Measure the voltage when you do this and you will notice that the battery voltage climbs to 14.4 volts rather quickly. The battery is fully charged when this happens. Place the BE back into the above configuration for continued battery care, maintenance.

The resistor needed will be different for each BE used since they are all a bit different, even the ones from the same lot like the ones I buy, but if you buy a bunch you will be able to find one resistor value that is good for the majority.

I recommend starting with a 100 ohm five or 10 watt resistor and the diode. This should get you close (about 13.0 to 13.3 volts) then add resistance until the battery is fully charged and continue to measure the voltage for a few days to be sure it doesn't over charge (go above 13.80 Volts when in maintenance mode). I have noticed that in this arrangement even adding a volt meter affects the voltage reading when the battery is close to full charge.

Also, this arrangement works for lead acid batteries but the resistance I use is 150 ohms.

Five watt resistors get HOT with the BE's I use so take care not to touch them for too long a time.

Good-luck and I hope this helps. I am not finished with my experiments but this is what I have found out so far.

72 & 73 de KE3FL/Phil
p.s. BE = Battery Eliminator, Wall Wart

Date: Wed, 12 Nov 1997 09:20:26 -0500
From: "david's" <elim@ime.net>
To: <dlevans@hsonline.net>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [30679] Re: prop. update ???
Message-ID: <01bcef76\$1f19dfa0\$1cc65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Dan,
check out the propagation forecasts at <http://home.att.net/~jerhall>

-----Original Message-----

From: Daniel L. Evans <dlevans@hsonline.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, November 12, 1997 1:18 AM
Subject: prop. update ???

>Any of the propagation guru's like to give us a prediction for the upcoming
>weekend?

>

>I like the updates, as I don't have access to wwv at the moment..

>

>Thanks & 72/73 de Dan,

>Dan L. Evans [N9RLA].....EM78

>CQ_DE_dlevans@hsonline.net

>

>Remove the cq_de_ to email me, I hate SPAM!

>

>

>

>

Date: Wed, 12 Nov 1997 08:38:27 -0600
From: "Chuck (Jack) Hawley" <c-hawley@uiuc.edu>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>, towertalk@contesting.com,
antennas@qth.net, qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [30679] Re: [Antennas] link tuners
Message-ID: <3469BF62.80824267@uiuc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

L. B. Cebik wrote:

> I have saved some 55 messages so far related to interest in the
> re-emergence of a link-coupled tuner on the market--and I know some did
> not get saved along the way. Interest is split between low and high power
> versions. An interesting sidelight is that over half express interest in
> a kit--perhaps because it is something macroscopic that can be built

Hi LB,

I'm interested too. I favor a kit that supplies the enclosure mostly (the hardest thing to make).....the inside components are obtainable but also welcome in a kit. The problem I have is deciding how to tune the thing.

I have made a breadboard with a multitapped B&W 3033 coil with the input coil of about 13 turns in the center and separated from the rest of the 3033 by a turn or so of distance. The rest of the coil is about 10 or more turns on a side. I have a 1000pF in series with the input and a dual 250pF in series with the two output coils, the center of the the dual cap connected to ground. I have added a 2000 pF variable in parallel with the dual also. I am using the series configuration for the secondary because I have something like 25 ohms and some reactance on 160M and 80M, and 50 to 85 ohms on 40M measured with a Palomar noise bridge from my 200 ft dipole fed by 4 inch, #12 open wire (about 78 feed of feedline).

I have tuned this breadboard and antenna-feedline on the three bands and come up with several configurations for any given frequency. I can't decide which combinations of #of turns of primary to use with # of turns of secondary. I am tempted to minimize the total # of turns in general, but it is not clear to me that that is the most efficient configuration. There is also something to say for not having to switch taps for one end of the band to the other (happens going from 1.8Mhz to 2.0Mhz). I feel more comfortable with the simple unbalanced reversible L in that there is only one set of values that can be found. I also can calculate the loaded Q of unbalanced pi and tee configurations and see that I am using the lowest loaded Q when using these tuner circuits. I haven't been able to figure out how to do this for the link coupled tuner yet.

I am looking forward to your tutorial.

Chuck, KE9UW

Charles (Jack) Hawley
Chuck....Ham Radio KE9UW
AKA "Jack" BMW Motorcycles, MOA #224 K100RS
Wife rides...Viki, MOA #18120 K100RS
President IBMWR
c-hawley@uiuc.edu

Sr. Research Engineer Emeritus
University of Illinois, Urbana-Champaign

Date: Wed, 12 Nov 1997 10:04:11 -0500
From: cooper@gmpvt.com (Tom Cooper)
To: qrp-l@Lehigh.EDU
Subject: [30680] Re: Delay of AM radio signals
Message-ID: <199711121504.KAA27225@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As improbable as it sounds, you might have been hearing the long path signal, which would be about 1/2 sec or so after the short path.

In one of his antenna articles, W8JK describes rotating one of his bi-directional beams and tapping out the occasional dit. When he hears a dit delayed by 1/2 second or so, he's found an open long path!

Tom W1EAT

Date: Wed, 12 Nov 1997 10:21:04 -0500
From: Michael <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [30679] Re: Delay of AM radio signals
Message-ID: <3469C95F.4601@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

cooper@gmpvt.com wrote:

>
> As improbable as it sounds, you might have been hearing the long path
> signal, which would be about 1/2 sec or so after the short path.
>
> In one of his antenna articles, W8JK describes rotating one of his
> bi-directional beams and tapping out the occasional dit. When he hears
> a dit delayed by 1/2 second or so, he's found an open long path!
>

> Tom W1EAT

Possible, but I would be very suprised if the long path (inside the ionosphere)
had absorbtion low enough to hear the signal at these low frequencies.

I think LDE, Leng Delayed Echo is more likely, but either one is possible and
this is an area that is still not fully understood.

It is neat stuff like this that keeps Ham radio alive in the age of the internet.

The magic and mystery of sending signals through space lives on. :-))

michael N6CHV

Date: Wed, 12 Nov 10:36:15 1997
From: klh@cbqaa.cb.lucent.com
To: qrp-1@Lehigh.EDU
Message-ID: <199711121529.KAA11574@cbig1.firewall.lucent.com>
Content-Type: text

The postma'am brought my undamaged care package from Norcal with a paddle kit in it. It's a Christmas present for me, so I have a month to monkey with it before I turn it in to be wrapped. The plexiglass squares allow me to apply my artistic creativity. Right now I'm applying the emery cloth to the lava-coated base. I see mostly steel now. Rounded the corners with the grinder (less lava to remove). Starting to look like a keeper. Hung it on a wire so I could heat it up with a propane torch. Takes a few minutes. The shiny steel turns straw colored, then darker, to a deep blue, to gun blue. You've seen the same colors on the tip of your soldering iron when it got to hot. Have to take the torch off of it some time. Don't want it to start dripping..... :-)

Well, It looked good to me, but I erased the oxide with some more emery cloth and tried taking the heat away sooner to get the dark blue. Looks great with the polished brass. Be sure to put your favorite clear coat on soon after it cools or tiny spots of rust . And will emerge and grow. If you're too slow, then sand it clean and reheat. Been there.

Hope someone will share their parkerizing technique. We're here to learn. No one said this was an Erector Set.

Thanks, K8FF, Doug, Jim, Doug, and all involved. Great kit.
72,
Kaye Hartman, K8GZ
Lancaster, Ohio

More fine print: Deception in your area may vary.

Date: Wed, 12 Nov 1997 11:36:42 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [30681] Re: paddle kit in NH
Message-ID: <Pine.LNX.3.93.971112113504.772A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 Nov 1997, Terres Family wrote:

> mine arrived recently a while back and was in good shape. maybe its the
> recent rain/earthquake/solar flare..

Mine arrived in MD in pristine shape. All those mailmen west of the
Mississippi must just be in too much of a hurry to get home and go
foxhunting :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --

Date: Wed, 12 Nov 1997 07:46:52 -0800
From: Steve Miller <kg7pv@teleport.com>
To: qrp-l@Lehigh.EDU
Subject: [30682] Re: norcal paddle cost overruns
Message-ID: <3.0.3.32.19971112074652.00693390@mail.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Lets see, so far the paddle has required a belt sander, pad sander, dremmel
tool with lots of accessories, polishing compound, sandpaper, sanding
belts, steel wool, paint and an infrared dryer with fan to cure the paint

in the cold damp NW. Why I must have over \$500 in tools and supplies for my Norcal paddle! What fun.

(I really do have an infrared dryer for demo use with the water-based adhesives that I sell for work so what the heck, it cures paint too.) 73

Steve Miller kg7pv @ teleport.com Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

Date: Wed, 12 Nov 1997 08:47:56 -0700
From: "Michael Connor" <mikec@primenet.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [30680] Comdex
Message-ID: <01bcef82\$582ea490\$202144c6@mike.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Will be in Las Vegas next week for Comdex.
Any other QRP'ers gonna be there?
Looks like there may be a couple of AZ ScQRPions
going so far. Give us a holler if you're gonna be there
and you'd like to get together one evening for
dinner/camaraderie.--)

Mike
NQ7K
AZ ScQRPions

Date: Wed, 12 Nov 1997 11:03:24
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [30680] bugs, commentary
Message-ID: <3.0.1.16.19971112110324.2bef6e3c@mailhost.ncia.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Yikkies, There sure are a lot of Bug lovers out there!!! I had no idea.

I think a lot of the fondness stems from the days when operating a ham station took some real skill. Transmitters had to be tweaked just so, Radios had to be carefully tuned. Much time had to be spent mastering the bug, to say nothing of learning to copy all the distinctive "swings". (Some good, some bad, most passable)

With today's easy to use radios, connect an antenna, plug in a mic and yak away, much of the need for any skill is a thing of the past for many hams. One thing for sure, in not too many years, operating a bug will become a truly lost art form.

I also think one reason qrp is popular is that it puts some of the skill back into ham radio. Operating low power, with a transmitter that needs to be tweaked just so and a receiver that needs to be tuned just right. It takes some skill.

Say, you know how there's a SK night New Years day? Maybe all you bug nuts should have a bug night. Say April 1st? --Hey, Just kidding :-) (on the day that is)

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 12 Nov 1997 10:31:02 -0600
From: Roger Whitaker <k9lj@iname.com>
To: qrp-l@Lehigh.EDU
Subject: [30681] Noise fix help
Message-ID: <3469D9C5.C6A52048@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

At the risk of sailing into waters previously charted on this reflector, I am having trouble with one of those darn touch lamps that my daughter has in her bedroom. It is a bi-directional problem. When it is on I get an S9+10db noise level on 80 & 40. When I transmit at QRP levels it blinks on and off! Now, one obvious solution is to relegate its service to illuminating the innards of a convenient dumpster, however, I would like to pursue alternatives that would be less likely

to incur the wrath of my 17 year old child. While I enjoy my WRP mobile operation (MFJ's into short Hustler) I sometimes get the urge to operate from the comfort of the present domicile with my FT-7 and 40 foot wire. Suggestions??

--

Roger B. Whitaker K9LJB

"It is far better for man to laugh at life than to lament over it."
---Seneca, 4 BCE--65 CE

Home page: <http://www.cityscape.net/~whitaker/>

Date: Wed, 12 Nov 1997 17:12:45 -0000
From: "Martin, Lou (MCI)" <Lou.Martin@mci.com>
To: qrp-1@Lehigh.EDU
Subject: [30680] Velvet Vernier Dial
Message-ID: <69F193633859D011B6F10000F802AC2801C356C3@omzexch001>
MIME-Version: 1.0
Content-Type: text/plain

Hi All,

I need some help to loosen up a National Velvet Vernier reduction drive. This one has a 2 3/4" dial face with 0-100 markings. It turns smoothly and quietly, but seems very stiff. Probably ok for antenna tuner use, but I'd prefer something with less torque resistance for the main tuning dial on my R1 direct conversion receiver project. I've used WD-40 with little effect.

Any suggestions would be appreciated. Ok to email direct, as I am in digest mode.

72/73, LOU
KC0BBE

Date: Wed, 12 Nov 1997 9:04:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-1@Lehigh.EDU

Subject: [30681] Re: Fox, Mon. Night

Message-ID: <M2227808.001.jn840.1.971112172851Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Thanks for the Fox contact, Walt. Caught you fairly early in your
tun, around 0222. You were 449, and I received 559.

Before and after working you, I wrote down the calls I could pull out
of the noise. These are what I heard:

K10J, NQ7X, KK6MC/5, N7VE, N7KT, KQ5U, W7QQQ, KA5T, VE5RC, W00Q, W0RW,
K5OI, KQ5E, VE7CQK, W0HEP, N1FN, N0HJ, W5SB, K5NZ, KD7X, WA6NAE, K8DD,
AC6LA, W6SU, AC6KW and N2TNN.

Got started writing down calls to get Jim Larsen's certificate for
copying junters' calls. Now doing it for practice.

72,

Bob N6WG and Ol' Kenwood

Date: Wed, 12 Nov 1997 9:15:00 -0600

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

To: qrp-1@Lehigh.EDU

Subject: [30682] Fox procedure

Message-ID: <M2227810.003.jn842.1.971112172852Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Here's my 2 cents on a thread that may already have been beat to
death.

During the past few fox sessions, some foxes have repeated the
contacted station's call at the end of their report and some haven't.
It is my impression that those cases where the report was given seem
to have run smoother with fewer repeats.

As a single example, last night when Bob heard and replied to me, I
couldn't tell because of the nearly white noise still going on when he
replied. It wasn't until he came back with N6WG? after not hearing me
respond that I knew he had heard me.

I'll be practicing this off line, so I can run this way when it's my
turn in the barrel. I think it is worth the little extra effort, and
seems to keep things running more smoothly.

72, Bob N6WG and Ol' Kenwood

Date: Wed, 12 Nov 1997 9:09:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-1@Lehigh.EDU
Subject: [30683] Re: Tues. Night Fox
Message-ID: <M2227809.002.jn841.1.971112172852Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Good night for Fox hunting, Bob. Heard you almost from the beginning, but took around a half hour or so to catch you. You were really up and down, from inaudible to at least 579. Heard several stations give you 599, so I know you were doing well.

Here are the stations I copied during your run (until the XYL said, "Ok, you got your Fox, now we want to go out to dinner!")

NQ7X, W6SU, W7QQQ, WW7Y, KK6MC/5, N5LU, KU7Y, K5JI, W0CS, K10J, K4UP, W7SSM, K5ID, K6MM, AB7MY, VE7GK, K5JHP, W03B, WD4MSM, N6VZ and KA8OKH

72, Bob N6WG and 01' Kenwood

Date: Wed, 12 Nov 1997 12:39:25 -0500 (EST)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30680] COAX?
Message-ID: <971112123924_-759546664@mrin84.mail.aol.com>

I know this has been batted around some but I still have a question on selection. I have looked at the sites and the info such as what RADIO WORKS publishes. I would like to here from some folks with successful antenna experience.

QUESTION: For QRP HF operation and feed line runs of 50-75 feet is there any specific spec best? It is for runs to wire dipole type installations all above ground runs.

(It appears that RG-8X offers both low cost and loss. The table shows attenuation for 100 ft of 1.1.) Comments? Stories?.....Alan KB7MBI

Date: Wed, 12 Nov 1997 10:41:00 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: Ed Loranger <we6w@qsl.net>
Cc: qrp-1@Lehigh.EDU
Subject: [30681] Re: FOX Tues 11/11/97
Message-ID: <199711121741.KAA20152@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:12 PM 11/12/97 +0000, you wrote:

>Bob Hightower wrote:

>>

>> 0003 N7XJW 559 599 AZ BERTIE 1259

>

>Yup! He's a sly one all right.

>

>That's neat Bertie is #1 contact!

>

>Nice job last nite Bob. Thanks!

Well, ya know, she was, like, just sitting there, with her hand on the paddles, and the xcvr was warmed up, and, like, it was hard to refuse her the first contact, if, ya know, I really wanted to sleep in the house last night.

Thanks, Ed.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Wed, 12 Nov 1997 17:52:49 +0000

From: Ed Loranger <we6w@qsl.net>

To: P XK4@CDRH.FDA.GOV

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [30680] Re: Gel Cells and cheap-good charging

Message-ID: <3469ECF1.623B@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

On Rechargeable Batteries, specifically Panasonic Brand:

I've been recharging AA,D, C 9volt etc. for many years now.
With four kids and electronic toys received during Christmas,
it's hard to keep up.

I started with 30 AA, 2 9volt, 16 D, and 4 C cells. All were
Panasonic. Within a week, I bought 4 more Eveready AA.

The best deal on these consumer rechargeables seems to be
at Price-Costco. I get 2 each, 9Volts there for about 6 bucks!
8 packs of AA's for about 4 bucks.

One problem: The Panasonic batteries seem to grow dendrites
and short out very easily. I've cleaned, Zapped and brought
new life to many of them, However the Eveready batteries seem
to not need this treatment. They just get weaker and eventually
pass on.

Does anyone have a preference on their rechargeable batteries.
Specifically D,C, AA and 9 Volters?

I'm using the Panasonic charger.

Tks friends.

-Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 12 Nov 1997 9:48:00 -0600

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

To: qrp-l@Lehigh.EDU

Subject: [30681] Twelfth-wavelength transformer

Message-ID: <M2227861.006.joqx5.1.971112180146Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

During the summer there was an article in CQ, I think it was. It was
about how to match two different impedances with approximately 1/12
wavelength sections of coax.

I need this info now, and can't find a copy of the magazine. Can
anyone help me?

Thanks, Bob N6WG

Date: Wed, 12 Nov 1997 18:06:31 +0000
From: Ed Loranger <we6w@qsl.net>
To: jayboy@psnw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30680] Re: Paddle Const-Help Please
Message-ID: <3469F027.73C8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay & Jackie wrote:

>
>
> Worked on the K8FF paddle this past weekend finishing the base >with the
> "automotive touch up paint on the finger with a rag" method. >Looks great.
> <snip question of alignment...>

WaHoo! I described this method a week or so ago. I am so tickled you used it!!! It does look great, doesn't it!!

As for the alignment, hmm. maybe re-check the construction against the exploded view.

Good luck Jay.

-Ed

Date: Wed, 12 Nov 1997 18:33:21 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30681] 2N2222 Designs and QRPp
Message-ID: <3469F671.4611@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone notice the SM7UCz, 80 Meter CW RADIOHAMRECEIVER in Fall QRPp. Only one PNP. The rest are NPN's. Suggestions abound for 2N2222 designs.

Also, My hat's off to all the contributors! And Paul Harden displays his exceptional talent. Nice Dwgs Paul, NA5N!

Lotta humor there. ACME Tee co., ACME Lumber Co.,
Antenna wire length beyond the scope of the article :)
Wile E. Coyote must live nearby in New Mexico :)

Thanks Norcal!

-Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8, OHR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068, ARCI#9397, Norcal#2227, ARS#275, AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 12 Nov 1997 12:49:35 -0600

From: Kevin Muenzler <wb5rue@stic.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'ARDUJENSKI@aol.com'"
<ARDUJENSKI@aol.com>

Subject: [30682] RE: COAX?

Message-ID: <01BCEF69.6EDCCD20@muenzlerk.uthscsa.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

At 40 and 80 meters there is no significant difference between RG-8
and RG-8x for the distance you are using.

Kevin, WB5RUE

From: ARDUJENSKI@aol.com[SMTP:ARDUJENSKI@aol.com]

Reply To: ARDUJENSKI@aol.com

Sent: Wednesday, November 12, 1997 6:39 AM

To: Low Power Amateur Radio Discussion

Subject: COAX?

I know this has been battled around some but I still have a question on
selection. I have looked at the sites and the info such as what RADIO WORKS
publishes. I would like to here from some folks with successful antenna
experience.

QUESTION: For QRP HF operation and feed line runs of 50-75 feet is there any
specific spec best? It is for runs to wire dipole type installations all
above ground runs.

(It appears that RG-8X offers both low cost and loss. The table shows

attenuation for 100 ft of 1.1.) Comments? Stories?.....Alan KB7MBI

Date: Wed, 12 Nov 1997 19:01:19 +0000
From: Ed Loranger <we6w@qsl.net>
To: k9lj@iname.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30683] Re: Noise fix help
Message-ID: <3469FCFF.3E67@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted how I fixed this and it should be in
the qrp-1 archive for 19, August 1997.

I fixed the Touch Lamp Mom gave us for Christmas!

As usual it took 8 months and 10 minutes to fix.

Two parts: 1/4 watt, 1k Ohm resistor and 2.5 mH 1/2 watt
size molded coil. Connected in-line with the touch wire.

Background: The touch lamp is a nice luxury. Just touch
your hand, arm, etc to any of the exterior metal and it
cycles through off-low-med-hi etc.

But: Also cycles when static is high walking across the
carpet. Turning off a light switch.
I send 2 or more watts from the rig.
My son works the CB.

You'll find it on when you get home.

So the darn thing is an oscillator which changes frequency
when you touch it. The circuit does the rest. By adding
the resistor/inductor pair, its sensitivity is reduced
and the problem disappears.

Works FB. And the xyl can read while I slink out to
the garage for an 'anonymous' QSO.

FYI/Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 12 Nov 1997 11:58:49 -0700
From: torell@sicom.com (Kent Torell)
To: qrp-l@Lehigh.EDU
Subject: [30684] prop: on-line charts
Message-ID: <v02130503b08fac04d6e2@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

david said to check out <http://home.att.net/~jerhall>

Good site! (have to manually tweak the url when running his program, changing a \ to a /) This guy helps with the prop charts for QST! He was assistant tech. editor at QST until he retired a few years ago. (so sez his online bio) Looks like he posts updated charts every month. Current set is for November.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-l 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Wed, 12 Nov 1997 15:15:04 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [30680] NorCal paddle delay for me :(
Message-ID: <Pine.LNX.3.95.971112151305.5434A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So I got the check in later than I wanted to..you guys are working out all the "bugs" for me :)

I should have my ready-to-build paddles by mid-December, from batch #2.

Not that I don't have enough paddles already...

72 and CU on the air

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Wed, 12 Nov 1997 11:27:56 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [30681] VMC LIVES! 38S boxes in work! Next: Rainbow Enclosure!
Message-ID: <199711121927.LAA20240@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ah, my little sweetheart is back at work, making chips! 38S Enclosures on CNC knee mill, will go on VMC next week! Week after next: 38S Enclosures Ship! Soon: Rainbow

Date: Wed, 12 Nov 1997 19:17:48 +0000
From: Ed Loranger <we6w@qsl.net>
To: Bob_Tellefsen-CNSE97@email.mot.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30682] Re: Twelfth-wavelength transformer
Message-ID: <346A00DC.2B1@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob, I wrote a note to myself and emailed it! Liked the article so much.

Here's what I have:

Load is 75ohm, Source is 50 ohms, how to match?

75ohm -----any length 75ohm cable --><-1/12wave 50->1/12wave 75->
to any length 50 ----->RIG

Formula requires shorter than 1/12 wave for greater than
3:1 matching.... Also include .66 velocity factor for
most coax.

-Ed from June 1997 QST.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 12 Nov 1997 21:15:45 +0000

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [30683] QRPp Flyer =8^)

Message-ID: <346A1C81.305F@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I think we've been tested!

No-one has commented on the yellow Flyer stuffed in the
Fall QRPp. This innocuous document describes Ade Weiss'
"Joy of QRP" and the Norcal (reg) Paddle kit.

SURPRIZE! Don't miss the 'The Fine Print ...'

Somebody Stop Me!

Funny Stuff guys/gals!

P.S. I read the fine print.

-Ed L.

I eat my own words, cuz I own 'em. -Me

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 12 Nov 1997 15:37:44 -0500
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: qrp-1@Lehigh.EDU
Subject: [30684] Index Labs ad
Message-ID: <v0213050eb08f78e630c7@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was just looking over the October 1997 issue of 73 and on page 57 is an ad for Index Labs. "The New QRP Plus, completely re-engineered ...".

Didn't Index Labs go out of business this summer, sell everything to SGC and no longer support the QRP Plus?

Anyone know what's going on here?

72,

Rick kf4ar

Date: Wed, 12 Nov 1997 11:40:09 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [30685] VMC LIVES! 38S BOXES IN WORK! NEXT: RAINBOW ENCLOSURE!
Message-ID: <199711121940.LAA22662@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ah, my little sweetheart is back at work making chips! 38S Enclosures on knee mill, run on VMC next week, ship week after next! Rainbow Enclosure Prototype in work! Yahoo!

Back in business! All I gotta do is make 200 38S Enclosures, 500 paddle sets, and about 3,000 bicycle clamps & I'll be caught up! 72 Doug KE6RIE

Date: Wed, 12 Nov 1997 12:20:47 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [30686] Re: paddle kit in NH
Message-ID: <01bcefa0\$14ab2ea0\$1722a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ordering mine today. Will pass along postal fitness when it arrives. Let's hope they don't fold it when they put it in my mailbox.

-----Original Message-----

From: Chris Cartwright <ccart@dns.vidtel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, November 12, 1997 9:21 AM
Subject: Re: paddle kit in NH

>Mine arrived in MD in pristine shape. All those mailmen west of the
>Mississippi must just be in too much of a hurry to get home and go
>foxhunting :)

Date: Wed, 12 Nov 1997 19:12:51 +0000
From: Ed Loranger <we6w@qsl.net>
To: Bob_Tellefsen-CNSE97@email.mot.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30687] Re: Fox procedure
Message-ID: <3469FFB3.65AC@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank's Bob, I agree.

It is nice to hear confirmation from the fox, ie
RST ST Name nrxxx Hound BK

Many times the hounds call until they hear
Foxii reply with RST, ie. 559 559 etc.

Good Procedure./Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3

QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 12 Nov 1997 13:01:06 -0800
From: Laura HALLIDAY <ve7ldh@direct.ca>
To: qrp-l@Lehigh.EDU
Subject: [30688] Gotta stop messing around
Message-ID: <346A1912.283ED3F9@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The November RadComm just came, and there is an article about how G4JNT sent a message to G3PLX on the U.K. 73 kHz band. The ERP was 1 mW (efficient antennas are a problem on this band!) and the distance was 393 km.

Other parameters include a signal bandwidth of 25 mHz (unlike the usual illiteracy, I *do* mean millihertz here) and a Morse sending rate of 0.015 WPM (dot length = 80 seconds). The receiver sifted through the noise with a 56000-based DSP board and a PC-based FFT/waterfall display. During the transmissions there was no trace of the signal if you listened to the audio, but the waterfall display reproduced in the article is perfectly clear.

This sounds like *fun*...

...laura

Date: Wed, 12 Nov 1997 13:56:00 -0600
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: qrp-l@Lehigh.EDU
Subject: [30689] What's at 4.1943 MHz?
Message-ID: <M425235.008.jx1d7.1.971112210056Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

I have been burned several times by picking an IF frequency that happens to be right on top of some mega-watt short wave station (such as 5 MHz WWV and 6.179 BBC).

Does anyone know who might be using 4.1943 MHz? Any high power users?

I am just trying to avoid receiver spurs that I have gotten in the past by using an even MHz IF such as 4.0 MHz.

Thanks much!

- Dan Tayloe, N7VE, Phoenix, Az, QRPL # 696, Az ScQRPions

Date: Wed, 12 Nov 1997 15:45:42 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [30680] FOX: Hunter Team Standings
Message-ID: <199711122245.PAA06780@usr06.primenet.com>

Howdy Folks,

Here's the terribly overdue update to the Fox Team Challenge standings. It's current as of Bob KI7MN's run last night, so if something looks wrong please let me know and I'll get it fixed.

Well the first thing that's obviously in need of fixing is that the Fox Nabbers are maintaining a healthy lead. ;-) 'Nabber Doc (K0EVZ) will be out of the Hunt for a few weeks, so now's the time for the other teams to hunker down, break out the heavy artillery, and catch up. One of you may want to distract the other 'Nabbers by phoning them during the Hunt and posing as Ed McMahon with the winning Publishers' Clearing House Sweepstakes check.... :)

The Aluminum Allies have been pulling in some clean sweeps to hold steady at #2, but it's still close. Team AB7*T* and the Foxtail Packers are nipping at some aluminum heels, so we may have a whole new ballgame by the time Santa starts delivering bags of '2222s to all the good boys and girls.

Team AB7*T* took a scoring hit when member Bob (AB7ST) headed to the tropics to work on his winter tan. If he doesn't bring back some good souvenirs for his teamies as penance, we're going to make him operate FYBO in his Bermuda shorts. :)

The Buffalo folks are closing in on the Old Coots, in no small part due to the fact that one of them (N5JI) had been accidentally left out of the original Buffalo roster. Or at

least that's their story and they're sticking to it. ;-)
Expect to see some jockeying for position between these
guys in the weeks ahead.

That's it! We've all got several days off from the "regular"
season Foxii, so stay warmed up by chasing tonight's N/T+
Fox. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It happens sometimes. People just explode. Natural causes." -Repo Man

1997 FOX TEAM CHALLENGE

(Standings as of KI7MN's Run 11/11/97)

1) Fox Nabbers: 12.7

Hunters: K0EVZ, W5FN, W0CH. (Total = 3)

Total Pelts: 13 + 12 + 13 = 38

2) Aluminum Allies: 10.6

Hunters: KU7Y, K5F0, K1MG, N6XU, W5TFB. (Total = 5)

Total Pelts: 12 + 5 + 13 + 13 + 10 = 53

3) Team AB7*T*: 9.3

Hunters: AB7ST, AB7TK, AB7TT. (Total = 3)

Total Pelts: 6 + 10 + 12 = 28

4) Foxtail Packers: 7.6

Hunters: WE6W, K10J, N2TNN, VE7CQK, W7SSM. (Total = 5)

Total Pelts: 10 + 12 + 2 + 8 + 6 = 38

5) Ole Coots: 5.8

Hunters: KK4KF, AA6R, KJ3V, K5ZTY, W7QQQ. (Total = 5)

Total Pelts: 2 + 2 + 8 + 7 + 10 = 29

6) Buffalo QRP Connection: 5.2

Hunters: N2VPK, N2G0, K2VNM, AA2PF, N5JI. (Total = 5)

Total Pelts: 3 + 2 + 3 + 6 + 12 = 26

*Disclaimer - The Fox Team Challenge is a friendly competition for entertainment purposes only. Please, no wagering. ;-)

Date: Wed, 12 Nov 1997 17:11:22 -0500 (EST)
From: PDouglas12@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30681] Norcal Paddles--gunk in holes
Message-ID: <971112170219_1592795105@mrin83.mail.aol.com>

Hi Gang,

I am still waiting for the powder coated base I ordered only a few days ago, so I can't yet report on that. Before any of the tolerance-impaired get on my case, though, I am not suggesting that the base has any business arriving so soon. I don't reasonably expect it to arrive for a couple of weeks. It is just that I did promise to let you know how it looks when it arrives.

Some "builders" have reported aggravation with getting various polishing materials out of the machined, tapped holes in the various parts, after the polishing is done. My own advice on this is to use Q tips (I think Chuck already suggested these handy things) but I would add that the cotton tips aren't the only useful part. The ones with the so-called safety stems (ie made of tight-rolled paper--now more common than the "firm" ones with the wooden stems) are somewhat more useful for cleaning out holes. By breaking a Q-Tip in half, you get two stems which can actually be threaded into holes--and just as in gun cleaning-- when the stem comes out clean, the hole is clean. Actually, I cut them with my XActo, because snapping them in half usually leaves them bent at the ends. Do make sure, though, that you don't leave cotton or paper bits (or polish at the bottom) in the hole--a dental pick can do final clean up if needed for that. The larger (6--32) holes can be cleaned by removing most, but not all, of the cotton from a tip, and then threading into the hole in the same way. Much of this can be avoided by running the brass parts under a fast tap promptly after the polishing is done, before the goop has a chance to dry and harden. But don't depend of the tap to get all the residue.

I did get a set of .001, .003 and .005 shims from Bruce Barley (very nice thing of Bruce to do for us on the list, by the way--thanks, Bruce!). Y'know .001 is very thin indeed. I again would comment that bringing the bearings to that tolerance with a file would be a very difficult. Be careful, if you decide to try it.

72,

Preston WJ2V

Date: Wed, 12 Nov 1997 16:30:02 -0500
From: Sam Billingsley <sbillingsley@mindspring.com>
To: "Qrp-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [30680] 2222 Design Contest
Message-ID: <01BCEF88.4DD18A20.sbillingsley@mindspring.com>

I just received my 2222 special package from HB Electronics. I guess I don't have any excuse for not trying to be creative. Thanks goodness I saved some of the list replies to this subject.

>In the spirit of the competition I make the following offer to any one from

>QRP-L, entering NorCal's 2222 design contest.

>For the price of \$1.00 (US or Canadian)currency, coin, check, or stamps or
>any back issue of QRPP.

>I will send you 22 transistors, twenty (20) PN2222, in a T0-92 (plastic)
>case and two (2) 2N2222's in a T0-18 (metal) case. All the transistors you
>will need for the design contest.

>No shipping charges apply. Just send me a SASE business size envelope with
a dollars worth of whatever to:

>2222 Contest
>HB Electronics
>43 Rector Street
>East Greenwich, RI 02818
>Happy designing and 72
>Bob N1PWU QRP-L#161 East Greenwich, RI

Sam Billingsley,AE4GX e-mail: sbillingsley@mindspring.COM
Atlanta, GA 30342
Wire Antennas, Butternut Vert, AEA IsoLoop
Ramsey 1w 40 mtr xmtr/rcvr, Index Labs QRP+,HW8,Norcal 38S
norcal#2210,MI-QRP#1567,qrp-l#1033,ARCI#9356,G-QRP#9660,ARS#269,
NOGA,CQC#454

Date: Wed, 12 Nov 1997 17:01:28 EST
From: kc4mhm@juno.com (ed miller)
To: qrp-1@Lehigh.EDU
Subject: [30681] GREAT EVENING
Message-ID: <19971101.104218.4951.0.KC4MHM@juno.com>

It has rained all day and the forecast is for more rain. The temperature is in the low 50's and the wind isn't much less. When I got home I found the Fall issue of QRPp in the mailbox, it's going to be a great evening.

73 de Ed

KC4MHM@juno.com

Date: Wed, 12 Nov 1997 18:15:46 -0500
From: "R.H. Osness" <Osness@compuserve.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [30680] Wanted: 38 Special Kit
Message-ID: <199711121815_MC2-27F7-82D7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Did anyone order an extra NorCal 38 Special Kit which they would be willing to sell?
Please respond by e-mail.

Thanks,

Bob, AA7VG
Osness@compuserve.com

Date: Wed, 12 Nov 1997 14:45:08 PST
From: "Pablo Robles" <wp4jxd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [30681] My first QRPp
Message-ID: <19971112224508.23318.qmail@hotmail.com>
Content-Type: text/plain

Gang:

I have just received my first QRPP, man this is awesome. Cannot get either my hands nor eyes off it, it is more addictive than I thought. Thanks to all contributors for bringing that much joy. Only sorry to wait 3 more months to get the new one. In the mean time I think it would be nice to get the previous years issues from the begining.

72,
Pablo

Get Your Private, Free Email at <http://www.hotmail.com>

End of QRP-L Digest 907

